

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IL 99/04090

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 315 269 A (A BLOOM) 9 February 1982 (1982-02-09) claims 6-10 ----	1,10,11
A	WO 99 04911 A (MASSACHUSETTS INSTITUTE OF TECHNOLOGY) 4 February 1999 (1999-02-04) page 17, line 3 - line 13; claims 4,5 page 1, line 30 -page 2, line 2 ----	4
A	DATABASE WPI Section Ch, Week 199327 Derwent Publications Ltd., London, GB; Class G06, AN 1993-218804 XP002264475 & SU 1 746 186 A (UNIV KIEV SHEVCHENKO), 15 July 1992 (1992-07-15) abstract -----	4



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

10 December 2003

Date of mailing of the international search report

22/12/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Vanhecke, H

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Publication No

PCT/IB-US/04090

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4315269	A	09-02-1982	DE 2817868 A1	22-03-1979
			FR 2402274 A1	30-03-1979
			GB 1603763 A	25-11-1981
			HK 77586 A	24-10-1986
			JP 1060438 B	22-12-1989
			JP 1793122 C	14-10-1993
			JP 54038123 A	22-03-1979
			MY 78185 A	31-12-1985
			NL 7804651 A ,B,	02-03-1979
			SG 38584 G	08-03-1985
WO 9904911	A	04-02-1999	JP 3411559 B2	03-06-2003
			JP 2001510877 T	07-08-2001
			WO 9904911 A1	04-02-1999
			US 6045877 A	04-04-2000
SU 1746186	A	07-07-1992	SU 1746186 A1	07-07-1992